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SOME CORRECTIONS IN THE NOMENCLATURE OF CLYTRINAE (CHRYSOMELIDAE)

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In checking bibliographical references for a new edition of the Clytrinae in Junk's Coleopterorum Catalogus some nomenclatural mistakes have been detected which are worth considering in some detail.

A. GENONYMS THE AUTHORSHIP AND DATE OF WHICH MUST BE CHANGED.

1. Published by Chevrolat in Dejean 1837 but commonly attributed to later authors. [The acceptance of Chevrolat's names is based on conclusion 13 of the International Commission on Zoological Nomenclature (Bull. Zool. Nomen., vol. 4, pp. 78-80, 1950).]

Macrolenes Chevr., 1837, p. 419.[1] Type: *ruficollis* (Fab.), by present designation. This genus is usually attributed to Lacordaire, 1848. No genotype was fixed until now.

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[1] The pagination here indicated refers to the real third edition of Dejean's Catalogue. There is another "3d. edition" issued at the same time in which 24 pages must always be added to the ones here given; the latter edition is the one Lacordaire refers to in his Monographie and is quoted by most later authors.

Lachnaia Chevr., 1837, p. 418. Type: *variolosa* (L.), by present designation. This genus, commonly spelled *Lachnaea*, is usually attributed to Redtenbacher, 1845.

Melitonoma Chevr., 1837, p. 419. Type: *decempunctata* (Oliv.), by present designation. This genus is usually assigned to Lacordaire, 1848.

Cheilotoma Chevr., 1837, p. 420. Type: *bucephala* (Fab.), by present designation. The present genus is usually referred to Redtenbacher, 1845, and generally spelled *Chilotoma* in spite of being originally written *Cheilotoma*.

Labidognatha Chevr., 1837, p. 419. Type: *coerulans* (Fab.), monobasic. Attributed to Lacordaire, 1848, as are the following four names.

Coptocephala Chevr., 1837, p. 419. Type: *melanocephala* (Oliv.), designated by Jacoby, 1908.

Megalostomis Chevr., 1837, p. 416. Type: *boopis* (Germ.), by present designation.

Babia Chevr., 1837, p. 417. Type: *quadriguttata* (Oliv.), by present designation.

Ischiopachys Chevr., 1837, p. 416. Type: *bicolor* (Oliv.), by present designation.

2. Published by other authors. [Revalidation based on conclusion 22 of the ICZN (Bull. Zool. Nomencl., vol. 4, p. 149).]

Labidostomis Germ., 1817. Type: *cyanicornis* Germ., monobasic. This genus is commonly attributed to Redtenbacher, 1845, and *L. taxicornis* (Fab.) was cited as genotype by Jacoby (1908, p. 96). This species not being included in the originally delimited genus, it cannot be maintained as genotype.

B. GENONYMS WHICH MUST BE CHANGED BECAUSE OF PRIORITY.

Smaragdina Chevr., 1837, p. 420. Type: *menetriesii* Fald., designated by Chevrolat in d'Orbigny, Dict. Univ. Hist. Nat., vol. 11, p. 648, 1848. *Calyptorhina* Lacord., 1848 (type: *C. chloris* Lac. by monotypy) is a synonym. Because of priority, *Smaragdina* Chevr. replaces *Gynandrophtalma* Lacord. as the name of the genus, but *Gy-*

nandrophtalma remains as a valid subgenus. In spite of priority, *Cyaniris* Chevr., 1837, p. 420 (type: *collaris* Fab. by present designation) cannot replace *Gynandrophtalma* Lacord., 1848, p. 256 (type: *nigropunctata* Lacord., fixed by Jacoby, 1908), because of homonymy with *Cyaniris* Dalman, 1816.

C. GENERA WHICH REQUIRE NEW NAMES BECAUSE OF HOMONYMY.

Lacordairella n.n. pro *Camptolenes* Lac., 1848 (nec Chevr., 1837). Type: *Camptolenes fastuosa* Lac., by present designation. *Camptolenes* was used first by Chevrolat in Dejean (page 419) to designate a genus the type of which is *Clytra rugosa* Fab. by present designation and which therefore must be considered a synonym of *Clytra* Laich., 1781, since *rugosa* Fab. belongs to the genus *Clytra* without any doubt. *Camptolenes* Lac., 1848, corresponds to a quite different group of species than those put together by Chevrolat, and, having a different meaning from Chevrolat's genus, it requires also a different name. The synonymy would be as follows:

Lacordairella n.n. Type: *Camptolenes fastuosa* Lac.
Camptolenes Lac., 1848 (nec Chevr., 1837). Type: *C. fastuosa* Lac.

Clytra Laich., 1781. Type: *Clytra quadripunctata* Laich.
Camptolenes Chevr., 1837 (nec Lac., 1848). Type: *Clytra rugosa* Fab.

Tellenina n.n. pro *Tellena* Lac., 1848 (nec Fleming, 1822). Type: *Clythra varians* Sahlb. Synonyms are:

Acidalia Chevr., 1837, p. 417. Type: *Clythra varians* Sahlb., monobasic. Invalidated because of homonymy with *Acadalia* Huebner, 1919, a genus of Lepidoptera.

Tellena Lac. 1848. Type: *Clythra varians* Sahlb., monobasic. This name is invalid because of homonymy with *Tellena* Fleming, 1822, which was proposed as emendation of *Tellina* L., a genus of Mollusca.

D. GENONYMS WHICH, IN SPITE OF PRIORITY, CANNOT BE EMPLOYED BECAUSE OF HOMONYMY.

Anomoea Agassiz, 1846. Type: *laticlava* Forst., by objective synonymy: *Anomoia* Chevr., 1837, p. 419. Type: *obsita* Fab. [= *laticlava* Forst.], monobasic. The prior name cannot be accepted because of *Anomoia* Walker, 1835, a genus of Diptera.

E. THE DACHRYS-COMPLEX.

In 1847, Erichson (p. 164) used for the first time the name *Dachrys* for his species *succincta*, originally described in 1834 in the genus *Clytra* and which thus becomes the genotype by monotypy. So, *Dachrys* must be assigned to Erichson, 1847, for the only species *succincta* (Er.). All the remaining species, later included in *Dachrys* by Lacordaire and other authors, differ sufficiently from the genotype as to make it necessary to separate them in another genus, for which the name *Temnodachrys* Monrós, 1951, p. 150, must prevail (type: *aeneofasciata* Lac.). The bulk of the species included in *Dachrys* sensu Lacordaire are worthy of being separated in a new subgenus, for which the name Eudachrys is here proposed (type: *Dachrys cruciata* Lac.).

In the following key, the differences between the genera and subgenera of *Dachrys* s. lat. are briefly expressed.

1. Sides of prothorax curved and strongly convergent towards the head, so that the base is nearly twice as broad as the apex. Pronotum red, with only the basal lobe and an anterior narrow band black. Elytral pattern consisting of transverse black bands on reddish ground surface. Species limited to the Chilean area .....
..... *Dachrys* Er. [type: *succincta* (Er.)][2]

Sides of prothorax less convergent towards the head so that the base is not much more than ⅓ broader than the anterior margin. Pronotum black or metallic bluish or greenish, rarely (*Dachrys scutellaris* Lac. from Mexico) with a narrow reddish margin. Elytra unicolorous red or black with hu-

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[2] A more complete description of *Dachrys* and allied genera will appear in my revision of the Argentine Clytrinae, now in press.

meral and apical spots or reddish with longitudinal black markings; the black bands never transverse. Species all over the Neotropical Region . . . . .
. . . . . *Temnodachrys* Monrós [type: *aeneofasciata* (Lac.)]

a. Interocular space with a well-marked transverse sulcus reaching from eye to eye . . . . .
. . . . . subgen. *Temnodachrys* s. str.

b. Interocular space without such sulcus; sometimes with a punctiform depression which never reaches from one eye to the other . . . . .
. . . . . subgen. *Eudachrys* nov. [type: *cruciata* (Lac.)]

F. SPECIFIC NAMES WHICH MUST BE CHANGED BECAUSE OF PRIMARY HOMONYMY.

Labidostomis mannerheimi n.n. pro *L. bipunctata* (Mannerh.), 1825, described as *Clytra* and therefore homonymous with *Clytra bipunctata* Foersb., 1821, which probably belongs to the genus *Miopristis.*

Aspidolopha buqueti Lac., 1848, replaces *A. bifasciata* Ill., 1800, described as *Clytra* and homonymous with *Clytra bifasciata* Degeer, 1778. The first synonym of the species, *Clytra bicolor* Web., 1800, is also homonymous with *Ischiopachys bicolor* (Oliv.), described as *Clytra* in 1791, and for that reason the second synonym must be employed.

Diapromorpha (*Peploptera*) *hottentota* n.n. pro *D. quadripunctata* Jac., 1897, nec *D. quadripunctata* Jac., 1887.

Clytra binominata n.n. pro *C. laticollis* Weise, 1889, nec *Tituboea laticollis* (Oliv.), 1808, described as *Clytra.*

Clytra gambiensis Lac., 1848, replaces *C. notata* Klug, 1835, homonymous with *C. notata* Gebl., 1830, which is a synonym of *Labidostomis lucida* (Germ.), 1823.

Clytra oblita n.n. pro *C. succincta* Lac., 1848, nec *Dachrys succincta* Er. 1834, described as *Clytra* in 1834.

Clytra weisei n.n. pro *C. cingulata* Weise, 1898, nec *Euryscopa cingulata* (Latr.), 1811, described as *Clytra.*

Clytrasoma balyi n.n. pro *C. distinguenda* (Baly), 1865, described as *Clytra* and homonymous with *Clytra distin-*

guenda Rosenh., 1847, which is a synonym of *Labidostomis pallidipennis* (Gebl.), 1830.

Babia costalis (Foersb.), 1821, replaces *B. humeralis* (Fab.), 1801, described as *Clytra* and homonymous with *Labidostomis humeralis* (Schneid.), 1792, also described in the genus *Clytra.*

References

For references before 1913 see:
Clavareau, in Junk, Coleopterorum Catalogus, pars 53, 1913, pp. 20-85.
For references not in Clavareau see:
Agassiz, 1846, Nomenclatoris zoologicae . . ., Index universalis, 393 pp.
Dejean, 1837, Catalogue des Coléoptères . . ., ed. 3, livr. 5, pp. 361-443.
Erichson, 1847, Arch. Naturg., Vol. 13, pp. 67-185.
Monrós, 1951, Rev. Soc. Ent. Argentina, Vol. 15, pp. 149-161.

WESTERN RECORDS OF SILPHA SURINAMENSIS

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No records of this species west of the Rocky Mountains appeared in its latest discussion in the literature (Arnett, 1946). How far west the species extended was not clear, although Carr (1920) reported it from Edmonton, Alberta, and Hatch (1933) from the Hill and Gallatin counties in Montana. Mr. Hugh Leech (in litt.) tells me of specimens in the collection of the California Academy of Sciences with the following data: ''Pouce Coupe, B. C. 18. VI. 1927, *P. N. Vroom.*'' A number of records west of the Rocky Mountains came to my attention. These are as follows: in the collection of the University of Utah: Salt Lake City, Utah, 1 Nov. 1951 (*Jorgenson*) 1 specimen; and Dennison, Utah, 1951 (*Solander*) 2 specimens; in the collection of the Utah State Agricultural College: Logan, Utah, Aug. 6, 1948, (*J. H. Judd*), 1 specimen; and Green Canyon, Utah, May 1951, 2 specimens; in the collection of M. H. Hatch: College Place, Walla Walla, Wash., May 4, 1949 (*G. H. Nelson*), at light, 2 specimens; and Cheney, Wash., June 1951 (large series); in the collection of the University of Idaho: ''Moscow Mtn., Ida., May 5, 1949. Taken at the base of the mountain. W. F. Barr